

AMENDMENTS TO THE CLAIMS

1-30. Cancelled

31. (New) A composition comprising *Borellia burgdorferi* epitopes SEQ ID NO: 4 and SEQ ID NO: 7.

32. (New) The composition of claim 31, further comprising *Borellia burgdorferi* epitope SEQ ID NO: 1.

33. (New) The composition of claim 32, further comprising *Borellia burgdorferi* epitope SEQ ID NO: 2.

34. (New) The composition of claim 33, further comprising *Borellia burgdorferi* epitope SEQ ID NO: 3.

35. (New) The composition of claim 34, further comprising *Borellia burgdorferi* epitope SEQ ID NO: 5.

36. (New) The composition of claim 35, further comprising *Borellia burgdorferi* epitope SEQ ID NO: 6.

37. (New) The composition of claim 31, further comprising *Borellia burgdorferi* epitope SEQ ID NO: 2.

38. (New) The composition of claim 31, further comprising *Borellia burgdorferi* epitope SEQ ID NO: 3.

39. (New) The composition of claim 31, further comprising *Borellia burgdorferi* epitope SEQ ID NO: 5.

40. (New) The composition of claim 31, further comprising *Borellia burgdorferi* epitope
SEQ ID NO: 6.
41. (New) The composition of claim 31, further comprising *Borellia burgdorferi* epitopes
SEQ ID NO: 2 and SEQ ID NO: 3.
42. (New) The composition of claim 41, further comprising *Borellia burgdorferi* epitope
SEQ ID NO: 5.
43. (New) The composition of claim 42, further comprising *Borellia burgdorferi* epitope
SEQ ID NO: 6.
44. (New) The composition of claim 31, further comprising *Borellia burgdorferi* epitopes
SEQ ID NO: 1 and SEQ ID NO: 5.
45. (New) The composition of claim 44, further comprising *Borellia burgdorferi* epitope
SEQ ID NO: 2.
46. (New) The composition of claim 45, further comprising *Borellia burgdorferi* epitope
SEQ ID NO: 6.
47. (New) The composition of claim 31, further comprising *Borellia burgdorferi* epitopes
SEQ ID NO: 1 and SEQ ID NO: 6.
48. (New) The composition of claim 47, further comprising *Borellia burgdorferi* epitope
SEQ ID NO: 5.
49. (New) The composition of claim 48, further comprising *Borellia burgdorferi* epitope
SEQ ID NO: 3.
50. (New) The composition of claim 31, further comprising *Borellia burgdorferi* epitopes
SEQ ID NO: 3 and SEQ ID NO: 5.

51. (New) The composition of claim 31, further comprising *Borellia burgdorferi* epitopes SEQ ID NO: 3 and SEQ ID NO: 6.

52. (New) A composition comprising *Borellia burgdorferi* epitopes SEQ ID NO: 1 and SEQ ID NO: 6.

53. (New) The composition of claim 52, further comprising *Borellia burgdorferi* epitope SEQ ID NO: 2.

54. (New) The composition of claim 53, further comprising *Borellia burgdorferi* epitope SEQ ID NO: 3.

55. (New) The composition of claim 54, further comprising *Borellia burgdorferi* epitope SEQ ID NO: 4.

56. (New) The composition of claim 55, further comprising *Borellia burgdorferi* epitope SEQ ID NO: 5.

57. (New) The composition of claim 52, further comprising *Borellia burgdorferi* epitope SEQ ID NO: 7.

58. (New) The composition of claim 57, further comprising *Borellia burgdorferi* epitopes SEQ ID NO: 2 and SEQ ID NO: 3.

59. (New) A composition comprising *Borellia burgdorferi* epitopes SEQ ID NO: 1, SEQ ID NO: 2, SEQ ID NO: 3, SEQ ID NO: 4, SEQ ID NO: 5, SEQ ID NO: 6, and SEQ ID NO: 7.

60. (New) The composition of claim 59, wherein the epitopes bind to antibodies found in a subject with Lyme's disease.